

RAG ENGINES,

FOR WASHING, BLEACHING, AND BEATING.

Bentley and Jackson have Patterns for the following Sizes :

| Length. | Width. | Depths. | | | | ROLL. | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|--|---------------|-----------------|---------------|
| | | Deep end. | | Shallow end. | | Diameter. | | Length on face. | |
| feet. inches. | feet. inches. | feet. inches. | feet. inches. | feet. inches. | feet. inches. | feet. inches. | feet. inches. | feet. inches. | feet. inches. |
| 10 0 | 5 0 | 1 11 | 1 7½ | 2 8 | 2 3 | The Troughs are made in one casting or in parts. | { | 11 6 | 5 10 |
| 11 6 | 5 10 | 2 0½ | 1 10 | 3 0 | 2 9 | | | | |
| 13 0 | 6 3 | 2 3½ | 1 11½ | 3 3 | 3 0 | | | | |
| 13 0 | 6 3 | 2 3½ | 1 11½ | 4 0 | 3 0 | | | | |
| 13 6 | 7 0 | 2 3½ | 1 11½ | 4 0 | 3 6 | | | | |
| 14 6 | 7 3 | 2 9 | 2 3½ | 3 6 | 3 6 | The Troughs are in parts. | { | 16 0 | 8 0 |
| 16 0 | 8 0 | 2 9 | 2 4½ | 4 6 | 4 0 | | | | |
| 19 0 | 9 3 | 2 9 | 2 4½ | 4 6 | 4 6 | | | | |
| 27 0 | 13 0 | 2 9 | 2 4½ | 5 3 | 6 6 | | | | |

The diameters of the Rolls can be altered if desired.

STEEL ROLLER BARS AND PLATES FOR RAG ENGINES. RAG CHOPPER KNIVES, STEEL DOCTORS.

HYDRAULIC PRESSES AND PUMPS.

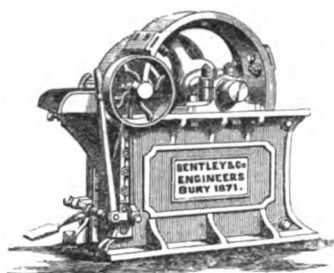
Millwrights' Work. Gearing, Shafting, &c.

MACHINE-MADE SPUR AND BEVEL WHEELS.

HORIZONTAL HIGH-PRESSURE AND CONDENSING STEAM ENGINES.

PRICES ON APPLICATION.

BENTLEY AND JACKSON,
ENGINEERS, MILLWRIGHTS, AND IRON AND BRASS FOUNDERS,
BURY, NEAR MANCHESTER.



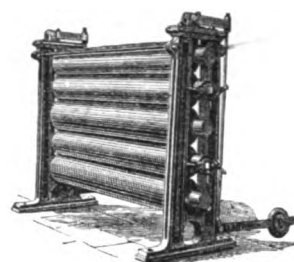
ROPE AND RAG CHOPPER.
Wheel, 4 feet diameter, 1 foot wide.

PAPER-MAKING MACHINES.

MILLBOARD MACHINES.

DRYING CYLINDERS, UP TO
9 FEET IN DIAMETER.

CONTINUOUS PAPER-CUTTING
MACHINES.



FINISHING CALENDER.

PATENT GUILLOTINE CUTTING MACHINES.

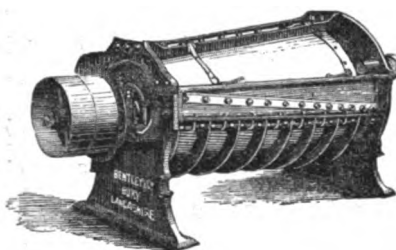
RAG DUSTERS, RAG AND ROPE CHOPPERS.

CONICAL WILLOWS.

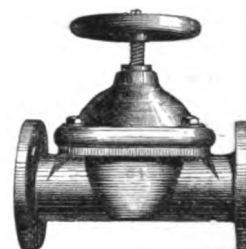
CYLINDRICAL AND SPHERICAL REVOLVING RAG-BOILERS,
TO CONTAIN FROM 20 CWT. TO 50 CWT. OF RAGS.



WATER VALVE.



CONICAL WILLOW, for extracting Shive
from Hemp, and dirt from other fibrous material.



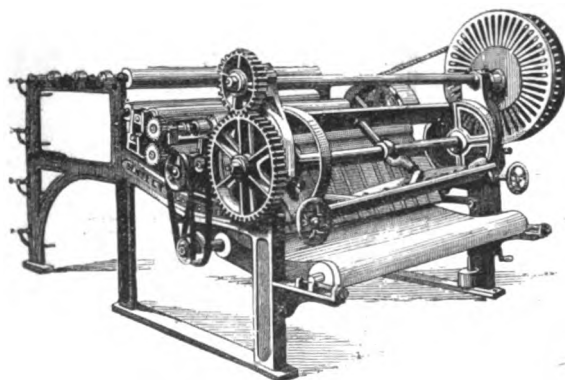
WATER VALVE.

VOMITING KIERS. STEAM AND WATER VALVES.

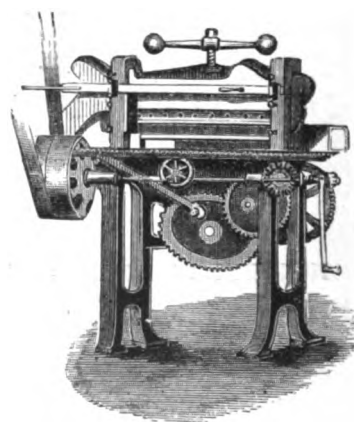
FRICITION AND REVERSING CALENDERS, BRASS AND COPPER ROLLERS.

RIPPING AND WINDING MACHINES,

TO PREPARE PAPER FOR THE WALTER, HOE, AND OTHER CONTINUOUS WEB PRINTING PRESSES.



DETACHED PAPER-CUTTING MACHINE.



32-IN. GUILLOTINE CUTTING MACHINE.

BENTLEY AND JACKSON,

PAPER-MAKERS' ENGINEERS, BURY, NEAR MANCHESTER.